

Figure 5D (2)

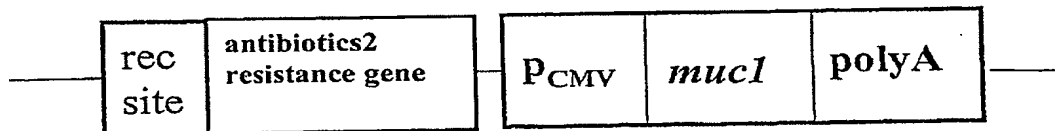
- A. Integration of the *muc1* cDNA via the *rec* site into the ZR-75-1 genome

Recombinase
Expression vector



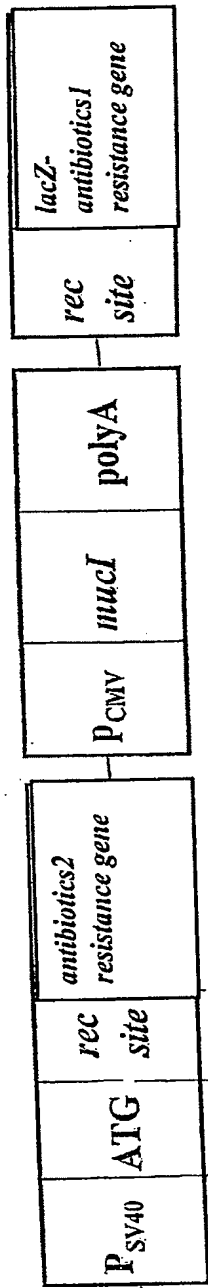
+

Muc1 expression vector with recombination site (*rec* site)



Product of the
side-specific
recombination

Figure 5D (3)



Features of the stably transfected host cells:

- Resistance against antibiotic 2
- Sensitivity to antibiotic 1, β -galactosidase inactive
- High expression of the recombinant muc1 gene due to the strong promoter and the chromosomal positioning effect